

CLAIMS

1. A laminated coil comprising:

via holes formed in the lamination direction of a laminated body;

belt-shaped conductors which are formed on laminating surfaces of the laminated body and fixed end portions of which are connected thereto by the via holes; and

a coil wound in the direction perpendicular to the lamination direction,

wherein the via holes are formed in each ceramic layer constituting the laminated body and are through-holes, each being filled with a conductor, lying in a row in the lamination direction; and

wherein, in each through-hole, the difference between the diameter in the axial direction of the coil on the opening surface of one opening of the ceramic layer and the diameter in the axial direction of the coil on the opening surface of the other opening is smaller than the difference between the diameter perpendicular to the axial direction of the coil on the opening surface of one opening of the ceramic layer and the diameter perpendicular to the axial direction of the coil on the opening surface of the other opening.

2. A laminated coil as claimed in claim 1, wherein each through-hole has a substantially oval flat shape and the

short-axis direction corresponds with the axial direction of the coil.

3. A method for producing the laminated coil as claimed in claim 1 or 2, comprising the step of:

forming the via holes such that, after through-holes have been formed, the through-holes are filled with a conductor.